

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	100	"398"/\$7.ccls. and (duo?binary or duobinary) near6 (transmitter or transmission or transmit or tx)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:07
L2	100	"398"/\$7.ccls. and (duo?binary or duobinary) near6 (transmitter or transmission or transmit or tx or generator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L3	64	1 and (nrz or non?return or non adj return\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:09
L4	56	3 and (mz or mzm or mach?zehnder or mach near2 zehnder)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 15:39
L5	39	4 and (pre?cod\$6 or precod\$7)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:03
L6	409	398/183.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:04
L7	13	398/188.ccls. and 398/189.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L8	1269	7and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 15:41
L9	1	7 and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:11
L10	212	398/188.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L11	152	398/189.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L12	127	398/185.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L13	785	6 or 10 or 11 or 12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 12:06
L14	69	13 and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 16:09

## EAST Search History

L15	14	("5008957"   "5373382"   "5473458"   "5477375"   "5515196"   "5543952"   "5917638").PN. OR ("6388786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 12:14
L16	41	("4426277").PN. OR ("5543952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 13:39
L17	1	"20040086225"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 16:46
L18	6	"6362913"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 15:38
L19	5	"6580840"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 15:38
L20	0	"68653489"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 15:39
L21	2	"6865348"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 15:39
L22	2079	(mz or mzm or mach?zehnder or mach near2 zehnder) near 8 phase and (amplitude or intensity) and (nrz or non?return or non adj return) and (pre?cod\$5 or precod\$5 or encod\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 15:40
L23	153	22 and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 15:42

## EAST Search History

L24	73	(US-20030152385-\$ or US-20030026518-\$ or US-20030072048-\$ or US-20020076149-\$ or US-20010031122-\$ or US-20040208624-\$ or US-20020168142-\$ or US-20020154372-\$ or US-20040179851-\$ or US-20010030786-\$ or US-20020018507-\$ or US-20040131102-\$ or US-20040037531-\$ or US-20030161631-\$ or US-20030231666-\$ or US-20030175036-\$ or US-20030011854-\$ or US-20020033984-\$ or US-20010017724-\$ or US-20030198478-\$ or US-20030002121-\$).did. or (US-6084050-\$ or US-6246809-\$ or US-6980742-\$ or US-6690861-\$ or US-6597481-\$ or US-6466346-\$ or US-6285810-\$ or US-6201909-\$ or US-6445838-\$ or US-6393186-\$ or US-6313941-\$ or US-5915052-\$ or US-5504608-\$ or US-7009716-\$ or US-6947630-\$ or US-6671296-\$ or US-6393185-\$ or US-6356679-\$ or US-6256428-\$ or US-5953467-\$ or US-6823094-\$ or US-6787919-\$ or US-6724799-\$ or US-6600848-\$ or US-6385362-\$ or US-6826344-\$). did. or (US-6510260-\$ or US-6920159-\$ or US-6917636-\$ or US-6738543-\$ or US-6724968-\$ or US-6636668-\$ or US-6985235-\$ or US-5212745-\$ or US-5875272-\$ or US-7068948-\$ or US-7006770-\$ or US-6865348-\$ or US-6592274-\$ or US-6563623-\$ or US-6490069-\$ or US-6188497-\$ or US-5920416-\$ or US-5917638-\$ or US-6915082-\$ or US-6388786-\$ or US-6337756-\$ or US-5543952-\$ or US-5515196-\$ or US-6407845-\$ or US-6097525-\$ or US-6362913-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/03 15:41
L25	49	(mz or mzm or mach?zehnder or mach near2 zehnder)and (nrz or non?return or non adj return\$5) near10 (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 16:17

## EAST Search History

L26	3	"1304820"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 16:46
L27	2	"01304820"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 16:46
L28	3	"1304820"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 16:47
L29	4	"1304820"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/03 16:47
L30	0	29 and (duo?binary or duobinary)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/03 18:08
L31	8	"6388786"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/03 20:36
L32	14	("5008957"   "5373382"   "5473458"   "5477375"   "5515196"   "5543952"   "5917638").PN. OR ("6388786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 18:09
L33	9	32 and (nrz or non?return or non adj return\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:16
L34	5	33 and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:16
L35	28	("5353114"   "5543952").PN. OR ("5917638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/03 18:15
L36	18	35 and (nrz or non?return or non adj return\$5)and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:19

## EAST Search History

L37	79	(US-20030152385-\$ or US-20030026518-\$ or US-20030072048-\$ or US-20020076149-\$ or US-20010031122-\$ or US-20040208624-\$ or US-20020168142-\$ or US-20020154372-\$ or US-20040179851-\$ or US-20010030786-\$ or US-20020018507-\$ or US-20040131102-\$ or US-20040037531-\$ or US-20030161631-\$ or US-20030231666-\$ or US-20030175036-\$ or US-20030011854-\$ or US-20020033984-\$ or US-20010017724-\$ or US-20030198478-\$ or US-20030002121-\$ or US-20040061922-\$ or US-20030063698-\$ or US-20010007508-\$).did. or (US-6084050-\$ or US-6246809-\$ or US-6980742-\$ or US-6690861-\$ or US-6597481-\$ or US-6466346-\$ or US-6285810-\$ or US-6201909-\$ or US-6445838-\$ or US-6393186-\$ or US-6313941-\$ or US-5915052-\$ or US-5504608-\$ or US-7009716-\$ or US-6947630-\$ or US-6671296-\$ or US-6393185-\$ or US-6356679-\$ or US-6256428-\$ or US-5953467-\$ or US-6823094-\$ or US-6787919-\$ or US-6724799-\$ or US-6600848-\$ or US-6385362-\$ or US-6826344-\$). did. or (US-6510260-\$ or US-6920159-\$ or US-6917636-\$ or US-6738543-\$ or US-6724968-\$ or US-6636668-\$ or US-6985235-\$ or US-5212745-\$ or US-5875272-\$ or US-7068948-\$ or US-7006770-\$ or US-6865348-\$ or US-6592274-\$ or US-6563623-\$ or US-6490069-\$ or US-6188497-\$ or US-5920416-\$ or US-5917638-\$ or US-6915082-\$ or US-6388786-\$ or US-6337756-\$ or US-5543952-\$ or US-5515196-\$ or US-6407845-\$ or US-6097525-\$ or US-6362913-\$ or US-6728490-\$). did. or (US-6721081-\$ or US-6445476-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/03 18:19
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## EAST Search History

L38	21	37 and (nrz or non?return or non adj return\$5)and (duo?binary or duobinary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/03 18:19
L39	1	"6388786".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/03 20:52
L40	1	39 and phase with (mz or mach?zehnder)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/03 20:52